



Florida Tier II Brief Naval Support Activity Panama City November 2010

NAVFAC Southeast

Overview



- □ General Information
- □ Changes Since Last Presentation
- **☐** Ongoing Work
 - □IR program
 - **□UST Program**
- □ Schedules
- Questions



Naval Support Activity Panama City





Naval Support Activity Panama City



Provide research, development, test and evaluation, engineering and fleet support for:

Mine Warfare

Expeditionary Maneuver Warfare



Operations in Extreme Environments

Maritime Special Operations

General Information



□ Partnering Team Member Changes

- > John Schoolfield, NAVFAC (IR Sites)
- > John Winters, FDEP
- Mike Clayton, NSA PC
- * Arturo MacDonald, NSA PC
- > Tom Johnston, Tt (IR Sites)

Partnering Team Support Changes

- > Rich May, Tt Tier II
- * Pete Paznokas, Management Edge Facilitator
- * Jacqueline Strobl, Tt Scribe

General Information



□ Partnering Team Member Changes

- John Schoolfield NAVFAC (IR Sites)
- * Erico Latham, NAVFAC (Petroleum Sites)
- > John Winters, FDEP
- Mike Clayton, NSA PC
- * Richard Lee, NSA PC
- > Tom Johnston, Tt (IR Sites)
- * Larry Smith, Tt UST Manager

□ Partnering Team Support Changes

- > Rich May, Tt Tier II
- * Pat Franklin, Management Edge Facilitator
- * Juanita Sapp , Tt Scribe

NSA Panama City Facility Information





Ongoing Work – Active IR Sites



•AOC 1 Fire Fighting Training Area No. 1

- -Surface soil residential LUC
- -Groundwater Industrial/residential LUCs
- -GW MNA (with reduced scope)
- -Free Product present/monitoring with onsite contractor = cost savings!!!
- New construction potential

•SWMU 2 Burn and Disposal Area

- -Soil industrial/residential LUCs
- –Groundwater (and SW) monitoring discontinued; LUCs remain





Ongoing Work – Active IR Sites



•SWMU 3 Burn and Disposal Area

-Surface soil/sediment Industrial/residential LUCs

•SWMU 9 Fire Fighting Training Area –NFA





Ongoing Work – Active IR Sites



•SWMU 10 Building 363 Oil-Water Separator

- -GW MNA (with reduced scope)
- -GW Industrial/residential LUCs

All Sites

- -SBs, CMIPs approved
- -Permit updated 9/24/2008





AOC 2/ SWMU 1

-Remedial action 2008 dig & haul

-Possible contaminated soil still onsite, investigating

path forward

4 Qtrs GWmonitoringNo GCTL

exceedances





–4 Qtrs of GW monitoring

- no GCTL exceedances

South Dock:

Soil removal ???????





•Site G300

- -Free product not detected for over 1 year (last detection was Jan 20, 2009, 0.04 ft in MW-1)
- -Monitoring period closed
- Recommending LUCs on GW/soil at capillary zone
- –SRCR submission pending





- Building 278
 - -SRCR in FDEP review
- Building 325
 - -Trailing soil/GW contamination
 - -Considering low cost non-invasive remedial cleanup options
 - -ISOCS
 - -Amendments (ORC)



Pending/future Work – UST Sites



- Building 89 Elevator Shaft
 - -Possible site
 - -Hydraulic fluid release
- Building 98 Former UST
 - -Part of AOC 1 but possibly not closed properly
- Naval Operational Service Center (NOSC) Tallahassee
 - -Possible site
 - -1991 tank removed
 - -DCE detected in GW above GCTLs
 - -DPT investigation 2 phase approach
 - -Phase A 3 wells+
 - -Determine if anything still there

Ongoing Work – All Sites



•Started:

- -Building 278 closure
- –Re-evaluation of AOC 1 free product

On-going:

- -LTM at SWMU 10, & AOC 1
- -LUCs at SWMUs 2, 3, 10 & AOC 1
- –Free product exploration at AOC 1

Schedules



Corrective Action Management Plan (CAMP)

Exit Strategy

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Future



- Implement CMIPs at SWMUs 2, 3, 10, & AOC 1
 - –Possibly terminate or suspend MNA at SWMU 10 and AOC 1
 - -Continue LUCs at SWMUs 2, 3, 10, and AOC 1
 - Possibly construct new facility at AOC 1 (will disrupt free product in overburden)
- HSWA Permit Revision
 - -Permit expires November 2013
- G300 GW monitoring
 - 4 quarters of sampling completed. LNAPL beneath building's 3 foot thick foundation.
 - -Technical impracticability waiver with LUCs on GW and deep soil to be proposed
- AOC 2 Proposing NFA on GW
 - -Proposing confirmatory soil sampling to support LUCs on minimal soil foot print
 - -Proposing LUCs on LNAPL beneath South Dock relief platform

Exit Strategy



- Reduce GW contamination to below FDEP GCTLs and/or background concentrations at SWMUs 10, AOC 1
- •Show technical impracticability of achieving FDEP GCTLs at G300. Submit SRCR, request LUC on GW or soil > 6 FT BLS
- Maintain LUCs at SWMUs 2, 3, 10, and AOC 1 until no longer needed for protection of human health and environment
- Prepare for future work as it develops

Naval Support Activity Panama City



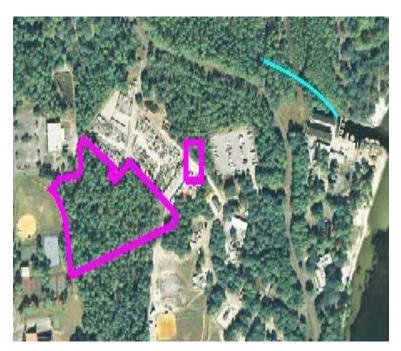
QUESTIONS



Partnering Team Success Story – SWMU 2 Expedited Remedy in Place



- Disposal History SWMU 2 Landfill B Burn and Disposal Area
 - Wastes included paint, solvents, ash, general household food and non-food waste, bilge water
 - Disposal started in late 1940s but increased from 1957 to mid 1970s
 - Initial COCs were aluminum, antimony, iron, benzene in GW
 - Manganese and arsenic later added to support GW background determination
 - Identified soil contaminants were PCBs, PAHs, metals



Partnering Team Success Story – SWMU 2 Expedited Remedy in Place



Achieved: Remedy in Place by Sep 2007

- -Remediated SWMU 2 soils and monitored GW and SW for: aluminum, antimony, iron, manganese, benzene. Contaminant concentrations achieved GCTLs or were shown to be background except iron. Iron contamination limited in area and not spreading.
- -Collected global background As and Mn data for GW in conjunction with SMWU 2 MNA

•Pathway to Success:

- -Continue LUCs
- -Probably need additional monitoring prior to change in land use

Partnering Team Success Story – Building 278



- Site History Bldg 278
 - -This site was USTs near Bldg 278.
 - -USTs removed.
 - -Petroleum contamination.
 - -AAS/SVE shut down.
 - -One-time site-wide sampling conducted in May 2007.
 - -GW LTM optimization approved prior to January 2007.
 - -Last sample collected in March 2009.

Partnering Team Success Story – Building 278



Achieved

- -Investigation completed
- -SRCR pending written FDEP approval

•Pathway to Success:

-Close site (obtain SRCO)

Partnering Team Success Story



Completed Documents

- -Administrative Record
- -Permit Mod/Extension: SWMUs 2, 3, 9, 20 and AOC 1
- **–SRCR for Building 278**
- -Closer to completing G300 work

Remaining Work

-Continued monitoring and LUC implementation until acceptable to stop